

Fanshawe College

FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

Documentation (Approvals etc...)

Software and Information Systems Testing

2016

SST3 Curriculum Modification for 2017-18

Fanshawe College

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CURRICULUM MODIFICATION REQUEST FORM

COURSE OR PROGRAM CURRICULUM "RATIONALE FOR CHANGE"

Program Requiring Changes

Program Title: Software and Information System Testing		
Program Number: SST3	Date Submitted: 11/17/2016	
Dean responsible for program: David Belford	Chair: Jim Edwards	
Credential Provided: <input type="checkbox"/> Declaration of Academic Achievement <input type="checkbox"/> Local Certificate <input type="checkbox"/> Ontario College Certificate <input type="checkbox"/> Diploma <input type="checkbox"/> Advanced Diploma <input checked="" type="checkbox"/> Grad Certificate <input type="checkbox"/> Degree <input type="checkbox"/> Apprenticeship		
Program Intakes: <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S Other:	Catalogue Year(s) Impacted: 2017/18	
Residency Requirement: <input checked="" type="checkbox"/> Met or <input type="checkbox"/> Not Met	Date of Last Program Review: Click here to enter a date.	
<i>I have read the reasons for the change and...</i>		<i>Signature and date</i>
Dean of Faculty (responsible for program):	<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	<i>cl Belford Nov. 26/16</i>
Dean of Faculty (impacted by change):	<input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
Dean of Faculty (impacted by change):	<input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
Senior Vice President Academic (required for major changes and late DAs):	<input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
Director, Centre for Academic Excellence:	<input checked="" type="checkbox"/> Supports <input type="checkbox"/> Does Not Support	<i>Judy Geddes Jan 16/17</i>
Office of the Registrar:	<input checked="" type="checkbox"/> Supports <input type="checkbox"/> Does Not Support	<i>Attarwood. Dec. 9/16</i>

Co-op prep already on DA - confirm why they think it needs to be added. Does not need to be added - error Tg

Is ACAD 6002 14 or 15 hours? 14 hrs. Tg.

1.0 Describe proposed change(s). Complete Appendix A (if necessary) and amend SDAR (Refer to Appendix C).

- ACAD - 6002 Graduate Success Strategies added resulting in an additional 1 hour of class per week.
- COOP - 1020 Co-operative Education Employment Prep added to prepare student for final semester as co-op employee.

↳ already there

2.0 Reason/Rationale for Changes

2.1 The reason for the change is based on:

- ☐ A recent program review
- ☐ College Advisory Committee feedback
- ☐ Program Advisory Committee feedback
- ☐ Student feedback
- ☐ KPI results
- ☐ Accreditation or other regulatory requirements
- ☐ Shared curriculum
- ☐ Trends in the field/industry
- ☒ Other (please describe):

For BUSI-5XXX - Team and Faculty felt that a greater emphasis was needed to be placed on helping the students adjust to life in College. Students appear to need more guidance when it comes to study habits, attendance, and academic integrity. It is believed that this course will assist students in acclimatizing to our culture of educational excellence.

For COOP - 1020 Need for students to be properly prepped to apply for any co-op positions that become available. Standard practice in all Co-op programs across the college.

2.2 Does the change support the College's Strategic Framework (mission, vision, values)?

- ☒ Yes
- ☐ No (If no, please explain)

2.3 What strategic goal(s) does the proposed change support?

- ☐ Goal 1 - Enrolment growth
- ☐ Goal 2 - Flexible delivery options
- ☒ Goal 3 - Premier student experience
- ☒ Goal 4 - Sustainable College life

3.0 Students

3.1 Will the change affect the cost of the program for students?

- ☐ Yes
- ☒ No

3.2 If yes, there will be an additional cost for:

- ☐ Materials (Include details):
- ☐ Equipment (Include details):
- ☐ Other (Include details)

4.0 Program Learning Outcomes

4.1 Will the proposed change meet the Program Vocational Learning Outcomes? (Complete Appendix B)

- ☒ Yes
- ☐ No

4.2 Are there any implications related to progression because of pre-requisite courses (and/or co-requisite courses)?

- ☒ No
- ☐ Yes (If yes, please explain)

5.0 Relationships with Other Programs

5.1 Are any of the courses impacted by the change provided by another School (e.g., SLLS, LKSB) and/or delivered at another campus?

- ☒ No
- ☐ Yes

5.2 What Schools/Campuses will be impacted by the proposed change?

- ☒ School of Information Technology
- ☐ Lawrence Kinlin School of Business
- ☐ School of Tourism and Hospitality
- ☐ School of Health Sciences
- ☐ School of Human Services
- ☐ School of Nursing
- ☐ School of Public Safety

- ☐ School of Contemporary Media
- ☐ School of Design
- ☐ School of Language and Liberal Studies
- ☐ School of Aviation Technology
- ☐ School of Applied Sciences and Technology
- ☐ Donald J. Smith School of Building Technology
- ☐ School of Transportation Technology
- ☐ Continuing Education
- ☐ Simcoe/Norfolk Regional Campus
- ☐ Woodstock/Oxford Regional Campus
- ☐ St Thomas/Elgin Regional Campus

5.3 Will the change affect pathway agreements (e.g., bridging, articulations, laddering, advanced standing) with other Fanshawe program(s) and/or other institution(s)?
(Refer to the pathway agreements listed here: <http://transferagreements.fanshawec.ca/>)

- ☒ No
- ☐ Yes (If yes, indicate when you will notify the other Fanshawe program(s) and/or other institution(s) of the change)

5.4 If this program is a Co-Operative Education program, will the proposed change impact Co-op?

- ☒ No
- ☐ Yes (If yes, consult with the Co-op office prior to submission)

6.0 Resource Implications of Proposed Changes

6.1 Will the proposed change have staffing implications?

- ☐ No
- ☒ Yes - BUSI - 5XXX will increase contact hours by one per week.
COOP - 1020 will increase contact hours by one per week for six weeks.

6.2 Will the proposed change impact any of the Enabling areas?

- ☒ No
- ☐ Yes (If yes, please explain)

6.3 Will the proposed change affect space and/or technology requirements?

- ☒ No
- ☐ Yes (If yes, please explain)

7.0 General College Requirements

7.1 Are changes consistent with Colleges policies/practices?

- ☒ Yes
- ☐ No (If no, please explain)

7.2 Indicate:

- i) Total program hours before proposed change: _____ 600 _____
 ii) Total program hours after proposed change: _____ 621 _____
 iii) Level(s) in which the proposed change(s) occurs: _____ 1 _____

only +14

7.2.1 Are the total program hours consistent with the requirements as listed below?

- ☒ Yes
☐ No (If no, please explain)

Local Certificate - 300 hours	Ontario College Certificate - 600 hours
Diploma - 1200 to 1400 hours	Advanced Diploma - 1800 to 2000 hours
Graduate Certificate - 600 hours	

7.3 Will the program meet the General Education requirements (Policy 2-B-02) as listed below?

- ☐ No
☒ Yes

Local Certificate, Ontario College Certificate and Graduate Certificate - none required)	Diploma - 3 required (minimum of 1 must be an elective)	Advanced Diploma - 4 required (minimum of 2 must be electives)
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7.4 Will the program have 25% distinct curriculum to meet the Residency Requirement of 25% credit units? Consider all pathway agreements (e.g., bridging, internal articulations, laddering, advanced standing) with other Fanshawe programs and/or other institutions.

- ☐ No
☒ Yes

Note: In accordance with POLICY NUMBER: 2-B-17 Graduation from Approved College Programs

...to be eligible for any College Credential a student must be enrolled and complete at least 25% of that program's credit units at Fanshawe College, unless stipulated differently by other approving bodies such as the Postsecondary Education Quality Assessment Board (PEQAB).

APPENDIX E – Program Outcomes – Curriculum Map

PROGRAM MAPPING (Software and Information Systems Testing 2)																					
								LEVEL ONE						LEVEL TWO							
PROGRAM ESSENTIAL EMPLOYABILITY SKILLS OUTCOMES								COMM-6019 - Advanced Communications	INFO-6066- Coding for Test	INFO-6050 - End User Experience Testing	INFO-6051 - Test Methodologies	INFO-6056 - Systems Design & Analysis	INFO - 6011 - Applied Project Management	ACAD - 6002 Graduate Success Strategies	INFO-6053 - Automated Test tools	SRTY-6001 - IS Security Testing	INFO-6055 - Non-Functional Testing	INFO-6067 Testing for Development	INFO-6054 - Capstone Project	# OF COURSES SUPPORTING THE OUTCOME	
4 = R 5 = RE 6 = TE 7 = TRE																					
T = Taught R = Reinforced E = Evaluated																					
The graduate has reliably demonstrated the ability to: (Source: MTCU Code)																					
1. communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.								7		6			7	4				5	5	4	
2. respond to written, spoken, or visual messages in a manner that ensures effective communication.								7		6			7	4				5	5	4	
3. execute mathematical operations accurately.									7					4		4				3	
4. apply a systematic approach to solve problems.									6		6		6	7			5	7	5	5	
5. use a variety of thinking skills to anticipate and solve problems.									4	4	6	4		4		4		5		6	
6. locate, select, organize, and document information using appropriate technology and information systems.								6				4	6			4	4	5	5	5	
7. analyze, evaluate, and apply relevant information from a variety of sources.								7		4	5	4	4		5		4	7		8	
8. show respect for the diverse opinions, values, belief systems, and contributions of others.								4					4	4					4	3	
9. interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals.								6					6	4					6	3	
10. manage the use of time and other resources to complete projects.													6	7					5	2	
11. take responsibility for one's own actions, decisions, and consequences.								5					6	7					5	3	
TOTAL # OF OUTCOMES SUPPORTED BY EACH COURSE								7	3	4	3	3	9	10		2	2	3	6	8	

PROGRAM COORDINATOR: Mike Clarkson

ACADEMIC CHAIR: Jim Edwards

Date Completed: November 17, 2016

Analysis of Mapping Results:

APPENDIX A: PROPOSED CURRICULUM MODIFICATION

Course Code	Existing DA Courses	Total Hours	Total Credits	Describe proposed changes	Course Code	Proposed DA Courses	Total Hours	Total Credits
Level 1								
COMM-6019	Advance Professional Communication	45	3		COMM - 6019	Advance Professional Communication	45	3
INFO - 6049	Coding for Test	75	5		INFO - 6066	Coding for Test	75	5
INFO - 6050	End User Experience Testing	45	3		INFO - 6050	End User Experience Testing	45	3
INFO 6051	Test Methodologies	45	3		INFO - 6051	Test Methodologies	45	3
INFO-6056	Systems Analysis & Design	45	3		INFO-6056	Systems Analysis & Design	45	3
INFO-6011	Applied Project Management	45	3		INFO - 6011	Applied Project Management	45	3
				add course	ACAD - 6002	Graduate Success Strategies	15	1
				add course	COOP-1020	Co-operative Education Employment Prep	6	1
TOTAL		300	20	TOTAL			321	22
Level 2								
INFO - 6053	Automated Test Tools	45	3		INFO - 6053	Automated Test Tools	45	3
INFO 6068	Capstone Project	75	5		INFO - 6068	Capstone Project	75	5
INFO - 6055	Non - Functional Testing	60	4		INFO - 6055	Non-Functional Testing	60	4
INFO-6067	Testing for Development	60	4		INFO - 6067	Testing for Development	60	4
SRTY - 6001	IS Security Testing	60	4		SRTY - 6001	IS Security Testing	60	4
TOTAL		300	20	TOTAL			300	20

Already there

PROGRAM TOTAL 600 40

PROGRAM TOTAL 621 42

Degree Audit Report

Catalog: 2017/2018

Program: SST3

Name: Software and Information Systems
Testing (Co-op)

Department: ITY - Information Technology

Academic Level: PS

CCD: 7 - 2AcadSem/600-700 hrs

Credential: Ontario College Graduate Cert

Grade Scheme: LG2

Major: SST2 - Software & Info Systems Test'g

Div: ITY - Information Technology Division

Co-Op Indicator: Mandatory Co-op

Academic Program Requirement

Total Credits: 41.00

Residency Reqmt: 11.00

GPA Requirement: 2.000

Residency Reqmt GPA: 2.000

Minimum Grade: D

Academic Requirement: SST3.17 Software and Information Systems Testing

Major: SST1

Grade Scheme: LG2

Minimum GPA: 2.000

Minimum Grade:

Subrequirement: Level 1

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
COMM-6019	Advanced Professional Communication	45.00	3.00	
INFO-6066	Coding for Test	75.00	5.00	
INFO-6050	End User Experience Testing	45.00	3.00	
INFO-6051	Test Methodologies	45.00	3.00	
INFO-6011	Applied Project Management	45.00	3.00	
INFO-6056	Systems Design & Analysis	45.00	3.00	
COOP-1020	Co-operative Education Employment Prep	6.00	1.00	

Subrequirement: Level 2

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
INFO-6053	Automated Test Tools	45.00	3.00	
INFO-6068	Capstone Project	75.00	5.00	
INFO-6055	Non-Functional Testing	60.00	4.00	
SRTY-6001	IS Security Testing	60.00	4.00	
INFO-6067	Testing for Development	60.00	4.00	

Subrequirement: Program Residency

Students Must Complete a Minimum of 11 credits in this
program at Fanshawe College to meet the Program Residency
requirement and graduate from this program

Approved By Chair/Manager:

Department and Date:

Approved by Dean:

Date:

TS
Dec 19/16